| Form PTO-1449 INFORMATION DISCLOSURE CITATION | | | | | Attorney Docket No. 50508-1190 | | Serial No. 10/786,671 | |
|--|------|---------------------|----------|-------------------------------|---------------------------------------|---------------|--------------------------|----------------------------|
| | | | | | Applicant Okun, et al. | | | |
| · | | (Use several sheets | | Filing Date February 25, 2004 | | Group 1751 | | |
| | | | U.S. PA | TENT DOCUMEN | NTS | | | |
| Examiner Initials | Item | Document Number | Date | Na | me | Class | Subclass | Filing Date If Appropriate |
| TF | A | 3,387,916 | 06/11/68 | Clarke | | | | |
| 1 | В | 3,504,997 | 04/07/70 | Clapham | | | | |
| | С | 3,925,006 | 12/09/75 | Forschirm, et al. | | | | |
| | D | 3,947,332 | 03/30/76 | Vanderpool, et al. | | | | |
| | E | 4,186,243 | 01/29/80 | Astbury, et al. | | | | |
| | F | 4,444,592 | 04/24/84 | Ludwig | | | | |
| | G | 4,639,432 | 01/27/87 | Holt, et al. | | | | |
| | Н | 4,714,482 | 12/22/87 | Polak, et al. | | | | |
| | 1 | 4,870,010 | 09/26/89 | Hayes | | | | |
| | J | 5,053,084 | 10/1/91 | Masumoto, et al. | | 148 | 11.5 | 4/30/90 |
| | К | 5,071,877 | 12/10/91 | Bannard, et al. | | 1 | | |
| | L | 5,093,134 | 03/1992 | Murrer, et al. | | 424 | 617 | |
| | М | 5,292,558 | 03/08/94 | Heller, et al. | | | | |
| | N | 5,314,657 | 5/24/94 | Ostlund | | 419 | 15 | 7/6/93 |
| | 0 | 5,356,469 | 10/18/94 | Jenkins, et al. | | | | |
| | P | 5,391,638 | 2/21/95 | Katsoulis, et al. | | 525 | 389 | 12/27/93 |
| | Q | 5,541,017 | 7/30/96 | Hong, et al. | | 429 | 59 | 3/14/94 |
| | R | 5,548,052 | 8/20/96 | Katsoulis, et al. | | 528 | 10 | 12/27/94 |
| | S | 5,603,927 | 02/18/97 | Fukumoto, et al. | | | | |
| | T | 5,607,979 | 03/04/97 | McCreery | | 514 | 759 | 05/30/95 |
| | U | 5,824,706 | 10/1998 | Schinazi, et al. | <u>-</u> | 514 | 492 | |
| | V | 5,851,948 | 12/22/98 | Chuang, et al. | | | - | |
| | w | 5,885,992 | 3/23/99 | Ohgi, et al. | | 514 | 245 | 7/22/95 |
| | х | 5,908,647 | 06/01/99 | Golightly, et al. | | | | |
| | Y | 5,914,436 | 06/22/99 | Klabunde, et al. | | 588 | 205 | 01/16/96 |
| | Z | 5,928,382 | 07/27/99 | Reinhardt, et al. | | | | |
| T | AA | 5,990,373 | 11/23/99 | Klabunde | | 588 | 200 | 08/19/97 |
| | ВВ | 6,020,369 | 02/2000 | Schinazi, et al. | | 514 | 492 | |
| | CC | 6,057,488 | 05/02/00 | Koper, et al. | | 588 | 200 | 09/15/98 |
| | ממ | 6,224,885 | 05/01/01 | Jenner, et al. | | 424 | 401 | 05/16/97 |
| | EE | 6,410,603 | 6/25/02 | Hobson, et al. | | 514 | 749 | 6/1/01 |
| | FF | 6,414,039 | 07/2002 | Braue, et al. | | 514 | 759 | |
| 7 | GG | 6,420,434 | 07/16/02 | Braue, Jr., et al. | | 514 | 759 | 06/01/01 |

JUL.10.2006 2:42PM

| 万军 | нн | 6,713,076 | 3/30/04 | Hill, et al. | 424 | 402 | 4/12/99 |
|----|----|------------------------|---------|----------------|-----|-----|----------|
| | п | 6,723,349 | 4/20/04 | Hill, et al. | 424 | 604 | 10/11/00 |
| | IJ | 2003/0049330 | 03/2003 | Hill, et al. | | | |
| | KK | 2003/0072811 | 04/2003 | Hill, et al. | | | |
| | LL | 2003/0216256 | 11/2003 | Axtell, et al. | 502 | 417 | |
| | ММ | 2003/0220195 | 11/2003 | Axtell, et al. | 502 | 417 | |
| / | NN | Serial No.: 10/767,578 | 1/29/04 | Hill, et al. | | | |
| 7 | 00 | Serial No.: 10/767,689 | 1/29/04 | Hill, et al. | | | |

| | | OTHER DOOLS TRUES (L. J. | | | | |
|---|-----|---|--|--|--|--|
| | | OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) | | | | |
| 1 | PP | Chemical Abstracts 131:234039 (1999) | | | | |
|) h | QQ | Chemical Abstracts 128:27274 (1997) | | | | |
| | RR | Holleman, et al., "Lahrbuch der Anorganischen Chemie", Walter de Gruyter, pp. 1097-1099, 1105-1106 (1985). German | | | | |
| | | Gall, et al., "Selective Oxidation of Thioether Mustard (HD) Analogs by tert-Butylhydroperoxide Catalyzed by H ₃ PV ₂ Mo ₁₀ O ₄₀ Supported on Porous Carbon Materials", Journal of Catalysis 159, 473-478 (1996) | | | | |
| | | Gall, et al., "Role of Water in Polyoxometalate-Catalyzed Oxidations in Nonaqueous Media. Scope, Kinetics, and Mechanism of Oxidation of Thioether Mustard (HD) Analogs by tert-Butyl Hydroperoxide Catalyzed by H ₅ PV ₂ Mo ₁₀ O ₄₀ ", Inorg. Chem. 1994, 33, pages 5015-5021, 1994. | | | | |
| | | Hulea, et al., "Thioether Oxidation by Hydrogen Peroxide Using Titanium-Containing Zeolites As Catalysts", Journal of Molecular Catalysis A: Chemical 111, 325-332 (1996). | | | | |
| | | Walmsley, "Synthesis of A Heteropolytungstate and Its Use in Outer-Sphere Redox Kinetics", Journal of Chemical Education, Vol. 69, Number 11, 936-938 (1992). | | | | |
| | | Harrup, et al., "Polyoxometalate Catalysis of the Aerobic Oxidation of Hydrogen Sulfide to Sulfur", Inorg. Chem., 33, 5448-5455 (1994) | | | | |
| | xx | Hill, et al., "The First Combinatorially Prepared and Evaluated Inorganic Catalysts. Polymetates For The Aerobic Oxidation of the Mustard Analog Tetrahydrothiophene (THT)", Journal of Molecular Catalysis A: Chemical 114, pages 103-111, (1996) | | | | |
| | YY | Riley, et al., "Selective Molecular Oxygen Oxidation of Thioethers to Sulfoxides Catalyzed by Ce(IV)", Journal American Chemical Society, 110, pages 177-180 (1988) | | | | |
| | | Zeng, et al., "Catalytically Decontaminating Dendrimers. Poly-Tris Arborols Covalently Functionalized with Redox Active Polyoxomeatalates", Proc. Erdec Sci. Conf. Chem. Biol. Def. Res., pp. 351-357, November 1997. | | | | |
| | AAA | Johnson, et al., "CW-Agent Detecting Barrier Creams" Emory Department of Chemistry, Proc. Erdec Sci. Conf. Chem. Biol. Def. Res. Pp. 393-399, November 1997. | | | | |
| | ввв | Rhule, et al., "New Polyoxometalate-TSPS for CW Agent Detection and Decontamination", Proc. Erdec Sci. Conf. Chem. Biol. Def. Res. Pp. 307-313, November 1998. | | | | |
| | ccc | Gall, et al., "Carbon Powder and Fiber-Supported Polyoxometalate Catalytic Materials. Preparation, Characterization, and Catalytic Oxidation of Dialkyl Sulfides as Mustard (HD) Analogues), Chemistry of Materials, Vol. 8, No. 10, pages 2523-2527 (1996). | | | | |
| | מממ | Katsoulis, "A Survey of Applications of Polyoxometalates", Chem Rev., 98, pages 359-387 (1998). | | | | |
| | EEE | Hill, et al., "Carbon Powder and Fiber-Supported Polyoxometalate Catalytic Materials. Preparation, Characterization, and Catalytic Oxidation of Dialkyl Sulfides Mustard (HD) Analogues), Chemistry of Materials, Vol. 8, No. 10, pages 2523-2527 (1996). | | | | |
| W | FFF | Riedel, "Light-Fastness of Pigments in Standard Color Depths," Farbe Lack, 74(4). | | | | |
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